

**ABSTRACT OF THE DISCLOSURE**

A workpiece heating system having an induction heating power source and a controller. The controller is operable to control the operation of the power source according to programming instructions received from a user. The controller enables a user to establish a sequence of inductive heating operations to be performed automatically by the induction heating system from among a selection of inductive heating operations. A temperature feedback device may be included to provide the controller with the workpiece temperature. A data recorder may be provided to receive and record the workpiece temperature.

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